

Hospital Patient Scheduler

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Abstract

- *Systems for scheduling appointments are employed to control hospital access to service providers. Many elements influence the performance of appointment systems, including patient and provider interaction, arrival and service time variability preferences, information technology that is available, and the level of expertise of the scheduling team. Therefore, a proper all of these considerations must be examined while developing a scheduling system to maximise patient satisfaction, resulting implies Profit is raised by a turn. Using an online scheduling tool, people may easily and safely make their online appointments. The web-based appointment system could drastically reduce wait times compared to the traditional queueing method, improve patient satisfaction with registration and efficiently cut down on overall wait times.*

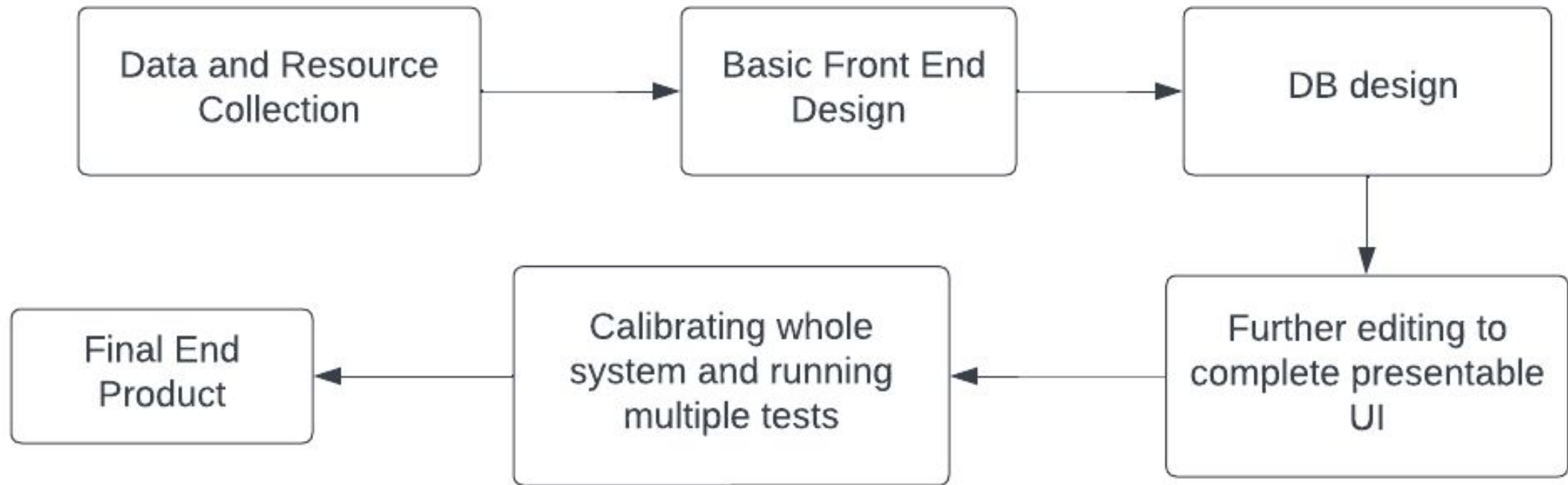
Problem Statement and Reason For Choosing

- Our project is to create a functional smooth user-friendly hospital scheduler to keep track of their visits and easily schedule appointments
- Due to the recent pandemic people have shifted more towards online platforms.
- Having a good patient scheduler with a proper UI and fast servers is a must to ensure that the patients receive proper care.
- A proper scheduler with appointment confirmation can reduce no-shows and last minute cancellations.

5 Reasons why appointment scheduling is essential in the hospital

- Increase Staff Productivity
- Decrease Front Office Distractions
- Create Loyal And Engaged Patients
- Reduce The Expense Of Scheduling Patients
- Accomplish More Tasks

Process Flow Diagram



Modules

- 1 Registration - includes some forms to link user and servers
- 2 EMR - to draw apt user information needed
- 3 Scheduler - to get a queue of appointment list to easily give appointment suggestions
- 4 Patient communication - A user FAQ Section
- 5 Billing - The payments
- 6 Inventory/pharmacy - The resources the hospital currently possess

Prototype Design – One Page

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